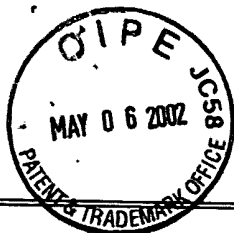


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SERIAL NO. 09/929,266

APPLICANT: Chait et al.

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FILING DATE: August 13, 2001

GROUP: 1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RAA	A1	6,184,344	02/06/01	Kent et al.			
	A2	5,871,928	02/16/99	Fodor et al.			
	A3	5,654,413	08/05/97	Brenner et al.			
	A4	5,599,695	02/04/97	Pease et al.			
	A5	5,429,807	07/04/95	Matson et al.			
	A6	4,980,286	12/25/90	Morgan et al.			
	A7	4,868,116	09/19/89	Morgan et al.			
RAA	A8	4,086,254	04/25/78	Wierenga			

FOREIGN PATENT DOCUMENTS

RAA	A9	WO 90/02806	03/22/90	Whitehead Institute for Biomedical Research (PCT)			
	A10	WO 89/07136	08/10/89	Whitehead Institute for Biomedical Research (PCT)			
	A11	WO 98/28434	07/02/98	The Scripps Research Institute (PCT)			
	A12	WO 97/11958	04/03/97	The Scripps Research Institute (PCT)			
RAA	A13	WO 00/04036	01/27/00	Duke University (PCT)			

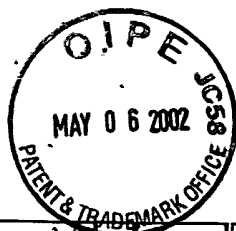
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

RAA	A14	Alagon et al. Activation of polysacchirides with 2-iminothiolane and its uses. <i>Biochemistry</i> 19:4341-4345 (1980)
RAA	A15	Alonso et al. Lipid chain dynamics in stratum corneum studied by spin label electron paramagnetic resonance. <i>Chem. Phys. Lipids</i> 104:101-111 (2000)
RAA	A16	Andresen et al. Medium-chain acyl-CoA dehydrogenase (MCAD) mutations identified by MS/MS-based prospective screening of newborns differ from those observed in patients with clinical symptoms: identification and characterization of a new, prevalent mutation that results in mild MCAD deficiency. <i>Am. J. Hum. Genet.</i> 68:1408-1418 (2001)



RECEIVED
ATTORNEY DOCKET NO. 11/30008U2
SERIAL NO. 09/929,266
MAY 07 2002
Page 2 of 9
TECH CENTER 1600/2960

A17	Annan et al. A multidimensional electrospray MS-based approach to phosphopeptide mapping. <i>Anal. Chem.</i> 73:393-404 (2001)
A18	Arora et al. Selectivity of lipid-protein interactions with trypsinized Na, K-ATPase studied by spin-label ERP. <i>Biochim. Biophys. Acta.</i> 1371:163-167 (1998)
A19	Banerji et al. A Lymphocyte-Specific Cellular Enhancer Is Located Downstream of the Joining Region in Immunoglobulin Heavy Chain Genes. <i>Cell</i> 33:729-740 (1983)
A20	Berkner et al. Abundant Expression of Polyomavirus Middle T Antigen and Dihydrofolate Reductase in an Adenovirus Recombinant. <i>J. Virol.</i> 61:1213-1220 (1987)
A21	Birkenmeyer et al. DNA Probe Amplification Methods. <i>J. Virol. Meth.</i> 35:117-126 (1991)
A22	Black. Protein diversity from alternative splicing: a challenge for bioinformatics and post-genome biology. <i>Cell</i> 103:367-370 (2000)
A23	Bout et al. Lung Gene Therapy: <i>In Vivo</i> Adenovirus-Mediated Gene Transfer to Rhesus Monkey Airway Epithelium. <i>Hum. Gene Ther.</i> 5:3-10 (1994)
A24	Brdicka et al. Phosphoprotein associated with glycosphingolipid-enriched microdomains (PAG), a novel ubiquitously expressed transmembrane adaptor protein, binds the protein tyrosine kinase csk and is involved in regulation of T cell activation. <i>J. Exp. Med.</i> 191:1591-1604 (2000)
A25	Breslauer et al. Predicting DNA duplex stability from the base sequence. <i>Proc. Natl. Acad. Sci. USA</i> 83:3746-3750 (1986)
A26	Brizard et al. Immunoaffinity purification of FLAG epitope-tagged bacterial alkaline phosphatase using a novel monoclonal antibody and peptide elution. <i>Biotechnology</i> 16:730-735 (1994)
A27	Brown et al. Penetration of Host Cell Membranes by Adenovirus 2. <i>Journal of Virology</i> 12(2):386-396 (1973)
A28	Caillaud et al. Adenoviral Vector as a Gene Delivery System into Cultured Rat Neuronal and Glial Cells. <i>Eur. J. Neurosci.</i> 5:1287-1291 (1993)
A29	Cantrell. Phosphoinositide 3-kinase signalling pathways. <i>J. Cell. Sci.</i> 114:1439-1445 (2001)
A30	Chandrasegaran et al. Chimeric restriction enzymes: what is next? <i>Biol. Chem.</i> 380(7-8):841-848 (1999)
A31	Chardonnet et al. Early Events in the Interaction of Adenoviruses with HeLa Cells. <i>Virology</i> 40:462-477 (1970)
A32	Chatterjee et al. <i>In vivo</i> analysis of nuclear protein traffic in mammalian cells. <i>Exp. Cell. Res.</i> 236(1):346-350 (1997)
A33	Chong et al. Utilizing the C-terminal cleavage activity of a protein splicing element to purify recombinant proteins in a single chromatographic step. <i>Nucl. Acids. Res.</i> 26(22):5109-5115 (1998)
A34	Cianci et al. Brain and muscle express a unique alternative transcript of α II spectrin. <i>Biochemistry</i> 38:15721-15730 (1999)
A35	Conrads et al. Utility of Accurate Mass Tags for Proteome-Wide Protein Identification <i>Anal. Chem.</i> 72:3349-3354 (2000)
A36	Cowie et al. Biosynthesis by <i>escherichia coli</i> of active altered proteins containing selenium instead of sulfur. <i>Biochimica. Et Biophysica Acta.</i> 26:252-261 (1957)
A37	Davidson et al. Overproduction of Polyomavirus Middle T Antigen in Mammalian Cells through the Use of an Adenovirus Vector. <i>J. Virol.</i> 61:1226-1239 (1987)
A38	Dawson et al. Synthesis of proteins by native chemical ligation. <i>Science</i> 266:776-779 (1994)
A39	Dawson et al. Synthesis of Native Proteins by Chemical Ligation. <i>Ann. Rev. Biochem.</i> 69:923-960 (2000)



RECEIVED

ATTORNEY DOCKET NO. 01173.0003U2

MAY 06 2002 09/929,266

Page 3 of 9

TECH CENTER 1600/2900

A40	DeGnore et al. Fragmentation of phosphopeptides in an ion trap mass spectrometer. <i>J. Am. Soc. Mass Spectrom.</i> 9:1175-1188 (1998)
A41	Dervan et al. Sequence-specific DNA recognition by polyamides. <i>Curr. Opin. Chem. Biol.</i> 3(6):688-693 (1999)
A42	Dhandayuthapani et al. Green fluorescent protein as a marker for gene expression and cell biology of mycobacterial interactions with macrophages. <i>Mol. Microbiol.</i> 17(5):901-912 (1995)
A43	Dikler et al. <i>J. Mass. Spectrom.</i> 32:1337-1349 (1997)
A44	Drysdale et al. Complex promoter and coding region β_2 -adrenergic receptor haplotypes alter receptor expression and predict <i>in vivo</i> responsiveness. <i>Proc. Natl. Acad. Sci. USA.</i> 97(19):10483-10488 (2000)
A45	Engvall et al. Enzyme-linked immunosorbent assay (ELISA). Quantitative assay of immunoglobulin G. <i>Immunochemistry</i> 8:871-874 (1971)
A46	Fields et al. A novel genetic system to detect protein-protein interactions. <i>Nature</i> 340:245-246 (1989)
A47	Fiers et al. Complete nucleotide sequence of SV40 DNA. <i>Nature</i> 273:113-129 (1978)
A48	Freier et al. Improved free-energy parameters for predictions of RNA duplex stability. <i>Proc. Natl. Acad. Sci. USA</i> 83:9373-9377 (1986)
A49	Gasparro et al. Site-Specific targeting of psoralen photoadducts with a triple helix-forming oligonucleotide: characterization of psoralen monoadduct and crosslink formation. <i>Nucl. Acids Res.</i> 22(14):2845-2852 (1994)
A50	Gee et al. Alternative splicing of protein 4.1R exon 16: ordered excision of flanking introns ensures proper splice site choice. <i>Blood</i> 95:692-699 (2000)
A51	Godi et al. ARF mediates recruitment of PtdIns-4-OH kinase-beta and stimulates synthesis of PtdIns(4,5)P2 on the Golgi complex. <i>Nat. Cell. Biol.</i> 1:280-287 (1999) (Abstract)
A52	Glatthar et al. A New Photocleavable Linker in Solid-Phase Chemistry for Ether Cleavage. <i>Org. Lett.</i> 2(15):2315-2317 (2000)
A53	Gomez-Foix et al. Adenovirus-mediated Transfer of the Muscle Glycogen Phosphorylase Gene into Hepatocytes Confers Altered Regulation of Glycogen Metabolism. <i>J. Biol. Chem.</i> 267(35):25129-25134 (1992)
A54	Greenaway et al. Human cytomegalovirus DNA: <i>Bam</i> HI, <i>Eco</i> RI and <i>Pst</i> I restriction endonuclease cleavage maps. <i>Gene</i> 18:355-360 (1982)
A55	Griffin et al. Quantitative proteomic analysis using a MALDI quadrupole time-of-flight mass spectrometer. <i>Anal. Chem.</i> 73:978-986 (2001)
A56	Groth et al. A phage integrase directs efficient site-specific integration in human cells. <i>Proc. Natl. Acad. Sci. USA</i> 97(11):5995-6000 (2000)
A57	Guillier et al. Linkers and Cleavage Strategies in Solid-Phase Organic Synthesis and Combinatorial Chemistry. <i>Chem. Rev.</i> 100:2091-2157 (2000)
A58	Guo et al. Direct Fluorescence Analysis of Genetic Polymorphisms by Hybridization with Oligonucleotide Arrays on Glass Supports. <i>Nucl. Acids Res.</i> 22(24):5456-5465 (1994)
A59	Guzman et al. Efficient Gene Transfer Into Myocardium by Direct Injection of Adenovirus Vectors. <i>Circul. Res.</i> 73:1202-1207 (1993)
A60	Gygi et al. Quantitative analysis of complex protein mixtures using isotope-coded affinity tags. <i>Nat. Biotechnol.</i> 17:994-999 (1999)



MAY 07 2007

TECH CENTER 1600/0000

922	A61	Hackeng et al. Chemical synthesis and spontaneous folding of a multidomain protein and coagulation factor S. <i>Proc Natl. Sci. USA</i> 97(26):14074-14078 (2000)
	A62	Hage. Affinity chromatography: a review of clinical applications. <i>Clin. Chem.</i> 45(5):593-615 (1999)
	A63	Hage et al. Chromatographic Immunoassays. <i>Anal. Chem.</i> 73(7):198A-205A (2001)
	A64	Haj-Ahmad et al. Development of a Helper-Independent Human Adenovirus Vector and Its Use in the Transfer of the Herpes Simplex Virus Thymidine Kinase Gene. <i>J. Virol.</i> 57(1):267-274 (1986)
	A65	Harth-Fritschy et al Esterification of 9-Fluorenylmethoxycarbonyl-glycosylated serine and cysteine derivatives with an hydroxymethyl resin. <i>Pet. Res.</i> 50:415 (1997)
	A66	Hayes et al. Desorption-ionization mass spectrometry using deposited nanostructured silicon films. <i>Anal. Chem.</i> 73:1292-1295 (2001)
	A67	Haynes et al. Proteome profiling-pitfalls and progress. <i>Yeast</i> 17(2):81-87 (2000)
	A68	Hendrickson et al. Selenomethionyl proteins produced for analysis by multiwavelength anomalous diffraction (MAD): a vehicle for direct determination of three-dimensional structure. <i>Embo. J.</i> 9(5):1665-1672 (1990)
	A69	Hendrickson et al. High sensitivity multianalyte immunoassay using covalent DNA-labeled antibodies and polymerase chain reaction. <i>Nucl. Acids Res.</i> 23(3):522-529 (1995)
	A70	Hermanson. Bioconjugate techniques, Academic Press, Pp. 528-569 (1996)
	A71	Hobbs et al. Development of a bicistronic vector driven by the human polypeptide chain elongation factor 1 α promoter for creation of stable mammalian cell lines that express very high levels of recombinant proteins. <i>Biochem. Biophys. Res. Commun.</i> 252:368-372 (1998)
	A72	Hoheisel. Sequence-independent and linear variation of oligonucleotide DNA binding stabilities. <i>Nucl. Acid. Res.</i> 24(3):430-432 (1996)
	A73	Hong et al. Development of two bacterial artificial chromosome shuttle vectors for a recombination-based cloning and regulated expression of large genes in mammalian cells. <i>Anal. Biochem.</i> 291:142-148 (2001)
	A74	Hope et al. Production of large unilamellar vesicles by a rapid extrusion procedure. Characterization of size distribution, trapped volume and ability to maintain a membrane potential. <i>Biochimica et Biophysica Acta.</i> 812:55-65 (1985)
	A75	Horn et al. An improved divergent synthesis of comb-type branched oligodeoxyribonucleotides (bDNA) containing multiple secondary sequences. <i>Nucl. Acids Res.</i> 23(25):4835-4841 (1997)
	A76	Hou et al. Regulation of alternative pre-mRNA splicing during erythroid differentiation. <i>Curr. Opin. Hematol.</i> 8(2):74-79 (2001) (Abstract)
	A77	Jamieson et al. <i>In vitro</i> selection of zinc fingers with altered DNA -binding specificity. <i>Biochemistry</i> 33(19):5689-5895 (1994)
	A78	Johnstone et al. Immunochemistry In Practice (Blackwell Scientific Publications, Oxford, England, pp. 30-85 (1987)
	A79	Kershner et al. Immunoaffinity purification and functional characterization of human transcription factor IIH and RNA polymerase II from clonal cell lines that conditionally express epitope-tagged subunits of the multiprotein complexes. <i>J. Biol. Chem.</i> 273:34444-34453 (1998)
	A80	Kikumori et al. Promiscuity of pre-mRNA spliceosome-mediated <i>trans</i> splicing: a problem for gene therapy? <i>Hum. Gene. Ther.</i> 12:1429-1441 (2001)
922	A81	Kirshenbaum et al. Highly Efficient Gene Transfer into Adult Ventricular Myocytes by Recombinant Adenovirus. <i>J. Clin. Invest.</i> 92:381-387 (1993)

**RECEIVED**

MAY 07 2002

ATTORNEY DOCKET NO. 01173.0003U2

SERIAL NO. 09/929,266

Page 5 of 9

TECH CENTER 1600/2300

12/11	A82	Kornberg et al. Inside-outside transitions of phospholipids in vesicle membranes. <i>Biochemistry</i> 10(7):1111-1120 (1971)
	A83	Kornberg et al. Lateral diffusion of phospholipids in a vesicle membrane. <i>Proc. Natl. Acad. Sci. USA</i> 68(10):2564-2568 (1971)
	A84	Khrapko et al. Hybridization of DNA with oligonucleotides immobilized in gel: a convenient method for recording single base replacements. <i>Mol. Biol. (Mosk)</i> 25(3):718-730 (1991)
	A85	Kremer et al. Green fluorescent protein as a new expression marker in mycobacteria. <i>Mol. Microbiol.</i> 17(5):913-922 (1995)
	A86	Krull et al. Labeling reactions applicable to chromatography and electrophoresis of minute amounts of proteins. <i>J. Chromatogr. B. Biomed. Sci. Appl.</i> 699:173-208 (1997)
	A87	Krull et al. Specific applications of capillary electrochromatography to biopolymers, including proteins, nucleic acids, peptide mapping, antibodies, and so forth. <i>J. Chromatogr. A.</i> 887:137-163 (2000)
	A88	Krutchinsky et al. Rapid, Automatic Identification of proteins utilizing a novel MALDI-Ion Trap mass Spectrometer, <i>Abstract of the 49th ASMS Conference on Mass Spectrometry and Allied Topics</i> (May 27-31, 2001)
	A89	Krutchinsky et al. Rapidly Switchable Matrix-Assisted Laser Desorption/Ionization and Electrospray Quadrupole-Time-of-Flight Mass Spectrometry for Protein Identification. <i>J. AM. Soc. Mass Spectrom.</i> 11(6):493-504 (2000)
	A90	Kunkel et al. Inducible isopentenyl tranferase as a high-efficiency marker for plant transformation. <i>Nat. Biotech.</i> 17:916-919 (1999)
	A91	Laimins et al. Osmotic control of kdp operon expression in Escherichia coli. <i>Proc. Natl. Acad. Sci. USA</i> 78:464-468 (1981)
	A92	La Salle et al. An Adenovirus Vector for Gene Transfer into Neurons and Glia in the Brain. <i>Science</i> 259:988-990 (1993)
	A93	Landergren. Molecular Mechanics of Nucleic Acids Sequence Amplification. <i>Trends Genet.</i> 9(6):199-202 (1993)
	A94	Lipshutz et al. High density synthetic olinucleotide arrays. <i>Nat. Genetic.</i> 21(1 Suppl):20-24 (1999)
	A95	Loboda et al. Atandemquadrupole/time-of-flight mass spectrometer (QqTOF) with a MALDI source: design and performance. <i>Rapid Comm. Mass Spectrom.</i> 14(12):1047-1057 (2000)
	A96	Lusky et al. Bovine Papilloma Virus Contains an Activator of Gene Expression at the Distal End of the Early Transcription Unit. <i>Mol. Cell. Biol.</i> 3(6):1108-1122 (1983)
	A97	MacDonald et al. Small-volume extrusion apparatus for preparation of large, unilamellar vesicles. <i>Biochimica et Biophysica Acta</i> 1061:297-303 (1991)
	A98	Maier et al. Application of robotic technology to automated sequence fingerprint analysis by oligonucleotide hybridisation. <i>J. Biotechnol.</i> 35(2-3):191-203 (1994)
	A99	Maiolini et al. A sandwich method for enzyme immunoassay. I. Application to rat and human alpha-fetoprotein. <i>J. Immuno. Meth.</i> 8:223-234 (1975)
	A100	Malik et al. Effects of a second intron on recombinant MFG retroviral vector. <i>Arch. Virol.</i> 146:601-609 (2001)
	A101	Mankertz et al. Expression from the human occludin promoter is affected by tumor necrosis factor α and interferon γ . <i>J. Cell. Sci.</i> 113:2085-2090 (2000)
	A102	March et al. A simplified method for cyanogen bromide activation of agarose for affinity chromatography. <i>Anal. Biochem.</i> 60:149-152 (1974)
12/11	A103	Marriot et al. Synthesis and applications of heterobifunctional photocleavable cross-linking reagents. <i>Meth. Enzymol.</i> 291:155-175 (1998)



RECEIVED

ATTORNEY DOCKET NO. 01173.0003U2
MAY 07 2002 SERIAL NO. 09/929,266
Page 6 of 9

TECH CENTER 1600/2900

A104	Massie et al. Construction of a Helper-Free Recombinant Adenovirus That Expresses Polyomavirus Large T Antigen. <i>Mol. Cell. Biol.</i> 6(8):2872-2883 (1986)
A105	Matsumoto et al. Suppression of STAT5 functions in liver, mammary glands, and T cells in cytokine-inducible SH2-containing protein 1 transgenic mice. <i>Mol. Cell. Biol.</i> 19(9):6396-6407 (1999)
A106	Morsy et al. Efficient Adenoviral-mediated Ornithine Transcarbamylase Expression in Deficient Mouse and Human Hepatocytes. <i>J. Clin. Invest.</i> 92:1580-1586 (1993)
A107	Moullier et al. Correction of lysosomal storage in the liver and spleen of MPS VII mice by implantation of genetically modified skin fibroblasts. <i>Nat. Genet.</i> 4:154-159 (1993)
A108	Mulligan et al. Expression of a Bacterial Gene in Mammalian Cells. <i>Science</i> 209:1422-1427 (1980)
A109	Mulligan. The Basic Science of Gene Therapy. <i>Science</i> 260:926-932 (1993)
A110	Nardelli et al. Zinc finger-DNA recognition: analysis of base specificity by site-directed mutagenesis. <i>Nucl. Acids Res.</i> 20(16):4137-4144 (1992)
A111	Nguyen et al. Modification of DNA duplexed to smooth their thermal stability independently of their base content for DNA sequencing by hybridization. <i>Nucl. Acid. Res.</i> 25(15):3059-3065 (1997)
A112	Nguyen et al. Smoothing of the thermal stability of DNA duplexes by using modified nucleosides and chaotropic agents. <i>Nucl. Acids Res.</i> 27(6):1492-1498 (1999)
A113	Niemeyer et al. Oligonucleotide-directed self-assembly of proteins: semisynthetic DNA-streptavidin hybrid molecules as connectors for the generation of macroscopic arrays and the construction of supramolecular bioconjugates. <i>Nucl. Acids. Res.</i> 22(25):5530-5539 (1994)
A114	Nizetic et al. Construction, arraying, and high-density screening of large insert libraries of human chromosomes X and 21: their potential use as reference libraries. <i>Proc. Natl. Sci. USA</i> 88:3233-3237 (1991)
A115	Oda et al. Accurate quantitation of protein expression and site-specific phosphorylation. <i>Proc. Natl. Acad. Sci. USA</i> 96:6591-6596 (1999)
A116	Oda et al. Enrichment analysis of phosphorylated proteins as a tool for probing the phosphoproteome. <i>Nat. Biotech.</i> 19:379-382 (2001)
A117	Oikawa et al. Metalloselenonein, the selenium analogue of metallothionein: synthesis and characterization of its complex with copper ions. <i>Proc. Natl. Acad. Sci. USA</i> 88:3057-3059 (1991)
A118	Olejnik et al. Photocleavable peptide-DNA conjugates: synthesis and applications to DNA analysis using MALDI-MS. <i>Nucl. Acids Res.</i> 27(23):4626-4631 (1999)
A119	Orentas et al. Detection of Epstein-Barr virus EBER sequence in post-transplant lymphoma patients with DNA dendrimers. <i>J. Virol. Meth.</i> 77:153-163 (1999)
A120	Osborne et al. Transcription Control Region Within the Protein-Coding Portion of Adenovirus E1A Genes. <i>Mol. Cell Biol.</i> 4(7):1293-1305 (1984)
A121	Patterson et al. Quantitative imaging of TATA-binding protein in living yeast cells. <i>Yeast</i> 14:813-825 (1998)
A122	Patton. Making Blind Robots See: The Synergy Between Fluorescent Dyes and Imaging Devices in Automated Proteomics. <i>Biotech.</i> 28(5):944-957 (2000)
A123	Payraastre et al. Phosphoinositides: key players in cell signalling, in time and space. <i>Cell Signal</i> 13:377-387 (2001)



RECEIVED
ATTORNEY DOCKET NO. 01173.0003U2
SERIAL NO. 09/929,266
MAY 07 2002
Page 7 of 9

TECH CENTER 1600/2900

9/21	A124	Pease et al. Light-generated oligonucleotide arrays for rapid DNA sequence analysis. <i>Proc. Natl. Acad. Sci USA</i> 91:5022-5026 (1994)
	A125	Qin et al. Identification and characterization of posttranslational modifications of proteins by MALDI ion trap mass spectrometry. <i>Anal. Chem.</i> 69:4002-4009 (1997)
	A126	Ragot et al. Replication-defective recombinant adenovirus expressing the Epstein-Barr virus (EBV) envelope glycoprotein gp340/220 induces protective immunity against EBV-induced lymphomas in the cottontop tamarin. <i>J. Gen. Virol.</i> 74:501-507 (1993)
	A127	Ram et al. <i>In Situ</i> Retroviral-mediated Gene Transfer for the Treatment of Brain Tumors in Rats. <i>Cancer Res.</i> 53:83-88 (1993)
	A128	Ramsay. DNA chips: State-of-the art. <i>Nat. Biotechnol.</i> 16(1):40-44 (1998)
	A129	Reilander et al. Functional expression of the <i>Aequorea victoria</i> green fluorescent protein in insect cells using the baculovirus expression system. <i>Biochem. Biophys. Res. Commun.</i> 219:14-20 (1996)
	A130	Rich et al. Development and Analysis of Recombinant Adenoviruses for Gene Therapy of Cystic Fibrosis. <i>Hum. Gene Ther.</i> 4:461-476 (1993)
	A131	Roessler et al. Adenoviral-mediated Gene Transfer to Rabbit Synovium In Vivo. <i>J. Clin. Invest.</i> 92:1085-1092 (1993)
	A132	Rong et al. A Targeted Gene Knockout in <i>Drosophila</i> . <i>Genetics</i> 157:1307-1312 (2001)
	A133	Sano et al. Immuno-PCR: Very Sensitive Antigen Detection by Means of Specific Antibody-DNA Conjugates. <i>Science</i> 258:120-122 (1992)
	A134	Santa Lucia et al. Improved Nearest-Neighbor Parameters for Predicting DNA Duplex Stability. <i>Biochemistry</i> . 35:3555-3562 (1996)
	A135	Sawin et al. Identification of fission yeast nuclear markers using random polypeptide fusion with green fluorescent protein. <i>Proc. Natl. Acad. Sci. USA</i> 94:15146-15151 (1996)
	A136	Scheffold et al. High-sensitivity immunofluorescence for detection of the pro- and anti-inflammatory cytokines gamma interferon and interleukin-10 on the surface of cytokine-secreting cells. <i>Nat. Med.</i> 6(1):107-110 (2000)
	A137	Schena et al. Parallel human genome analysis: microarray-based expression monitoring of 1000 genes. <i>Proc. Natl. Acad. Sci. USA</i> 93:10614-10619 (1996)
	A138	Seth et al. Evidence that the Penton Base of Adenovirus Is Involved in Potentiation of Toxicity of <i>Pseudomonas</i> Exotoxin Conjugated to Epidermal Growth Factor. <i>Mol. Cell. Biol.</i> 4(8):1528-1533 (1984)
	A139	Seth et al. Role of a Low-pH Environment in Adenovirus Enhancement of the Toxicity of a <i>Pseudomonas</i> Exotoxin-Epidermal Growth Factor Conjugate. <i>J. Virol.</i> 51(3):650-655 (1984)
	A140	Shalon et al. A DNA microarray system for analyzing complex DNA samples using two-color fluorescent probe hybridation. <i>Genome. Res.</i> 6:639-645 (1996)
	A141	Shchepinov et al. Oligonucleotide dendrimers: synthesis and use as polylabelled DNA probes. <i>Nucl. Acids Res.</i> 25(22):4447-4454 (1997)
	A142	Shevchenko et al. MALDI Quadrupole Time-of-Flight Mass Spectrometry: A Powerful Tool for Proteomic Research. <i>Anal. Chem.</i> 72:2132-2142 (2000)
9/21	A143	Shevchenko et al. Rapid 'de novo' peptide sequencing by a combination of nanoelectrospray, isotopic labeling and a quadrupole/time-of-flight mass spectrometer. <i>Rapid Commun. Mass Spectrom.</i> 11(9):1015-1024 (1997)

**RECEIVED**

ATTORNEY DOCKET NO. 01173.0003U2

SERIAL NO. 09/929,266

Page 8 of 9

MAY 07 2007

TECH CENTER 1600/2000

1144	Singh-Gasson et al. Maskless fabrication of light-directed oligonucleotide microarrays using a micromirror array. <i>Nat. Biotechnol.</i> 17:974-978 (1999)
A145	Smith et al. Identification of Hydrogen Peroxide Oxidation Sites of α A- and α B-Crystallins. <i>Free Rad. Res.</i> 26:103-111 (1997)
A146	Smith et al. A detailed study of the substrate specificity of a chimeric restriction enzyme. <i>Nucl. Acids Res.</i> 27(2):674-681 (1999)
A147	Southern et al. Analyzing and comparing nucleic acid sequences by hybridization to arrays of oligonucleotides: evaluation using experimental models. <i>Genomics</i> 13:1008-1017 (1992)
A148	Southern et al. Transformation of Mammalian Cells to Antibiotic Resistance with a Bacterial Gene Under Control of the SV40 Early Region Promoter. <i>Molec. Appl. Genet.</i> 1:327 (1982)
A149	Stimpson et al. Real-Time Detection of DNA Hybridization and Melting on Oligonucleotide Arrays by using Optical Wave Guides. <i>Proc. Natl. Acad. Sci. USA</i> 92:6379-6383 (1995)
A150	Sudgen et al. A Vector That Replicates as a Plasmid and Can Be Efficiently Selected in B-Lymphoblasts Transformed by Epstein-Barr Virus. <i>Mol. Cell. Biol.</i> 5(2):410-413 (1985)
A151	Svensson. Role of Vesicles During Adenovirus 2 Internalization into HeLa Cells. <i>J. Virol</i> 55(2):442-449 (1985)
A152	Syvanen et al. Fast Qualification of nucleic acid hybrids by affinity-based hybrid collection. <i>Nucl. Acids Res.</i> 14(12):5037-5049 (1986)
A153	Templeton et al. Efficient gene targeting in mouse embryonic stem cells. <i>Gene Ther.</i> 4(7):700-709 (1997) (Abstract)
A154	Uetz et al. A comprehensive analysis of protein-protein interactions in <i>Saccharomyces cerevisiae</i> . <i>Nature</i> 403:623-627 (2000)
A155	Urdea. Branched DNA Signal Amplification. <i>Biotechnology</i> 12:926-928 (1994)
A156	Uto et al. Determination of urinary Tamm-Horsfall protein by ELISA using a maleimide method for enzyme-antibody conjugation. <i>J. Immunol. Meth.</i> 138:87-94 (1991)
A157	Van Crielinge et al. Yeast two-hybrid: state of the art. <i>Biol. Proc. Online</i> 2(1) (1999)
A158	Van Oss et al. Mechanism of DNA (Southern) and protein (Western) blotting on cellulose nitrate and other membranes. <i>J. Chromatogr.</i> 391:53-65 (1987)
A159	Varga et al. Infectious Entry Pathway of Adenovirus Type 2. <i>J. Virol.</i> 65(11):6061-6070 (1991)
A160	Vasiliskov et al. Fabrication of microarray of gel-immobilized compounds on a chip by copolymerization. <i>Biotechniques</i> 27(3):592-594,596-598, 600 (1999)
A161	Vergunst et al. Site-specific integration of <i>Agrobacterium</i> T-DNA in <i>Arabidopsis thaliana</i> mediated by Cre recombinase. <i>Nucl. Acids. Res.</i> 26(11):2729-2734 (1998)
A162	Virts et al. The role of intron sequences in high level expression from CD45 cDNA constructs. <i>J. Biol. Chem.</i> 276(23):19913-19920 (2001)
A163	Wemmer et al. Targeting the minor groove of DNA.. <i>Curr Opin. Struct Biol.</i> 7:355-361 (1997)
A164	White et al. Real-time analysis of the transcriptional regulation of HIV and hCMV promoters in single mammalian cells. <i>J. Cell. Sci.</i> 108:441-455 (1995)

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A165	Wickham et al. Integrins $\alpha_v\beta_3$ and $\alpha_v\beta_5$ Promote Adenovirus Internalization but Not Virus Attachment. <i>Cell</i> 73:309-319 (1993)
A166	Wilkinson. Cell-Free And Happy: In Vitro Translation And Transcription/Translation Systems. <i>The Scientist</i> 13(3):15 (June 1999)
A167	Wolff et al. Direct Gene Transfer into Mouse Muscle in Vivo. <i>Science</i> 247:1465-1468 (1990)
A168	Wolff et al. Human dystrophin expression in mdx mice after intramuscular injection of DNA constructs. <i>Nature</i> 352:815-818 (1991)
A169	Wood et al. Base composition-independent hybridization in tetramethylammonium chloride: A method for oligonucleotide screening of highly complex gene libraries. <i>Proc. Natl. Acad. Sci. USA</i> 82:1585-1588 (1985)
A170	Wu et al. Establishment of stable cell lines expressing potentially toxic proteins by tetracycline-regulated and epitope-tagging methods. <i>Biotechniques</i> 21(4):718-725 (1996)
A171	Yershov et al. DNA analysis and diagnostics on oligonucleotide microchips. <i>Proc. Natl. Acad. Sci. USA</i> 93:4913-4918 (1996)
A172	Zabner et al. Adenovirus-Mediated Gene Transfer Transiently Corrects the Chloride Transport Defect in Nasal Epithelia of Patients with Cystic Fibrosis. <i>Cell</i> 75:207-216 (1993)
A173	Zhang et al. Generation and identification of recombinant adenovirus by liposome-mediated transfection and PCR analysis. <i>BioTechniques</i> 15(5):868-872 (1993)
A174	Zhou et al. A systematic approach to the problem of protein phosphorylation. <i>Nat. Biotech.</i> 19:375-378 (2001)
A175	Zschocke et al. Molecular and functional characterization of mild MCAD deficiency. <i>Hum. Genet.</i> 108:404-408 (2001)
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